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9 March 1956

MEMORANDUM FOR: Project Contracting Officer

SUBJECT: Information on the Loss of Resolution during Contact Printing with a Reversed Negative is Needed for Planning the Utilization of B Camera Photography

1. The mirror incorporated in the design of the B camera (36" F/L) results in all prints being reversed. Reversed prints present many problems in photo interpretation. It is deemed necessary to take some remedial action to make the photography from the B camera more suitable for PI.

2. One possible solution to the problem would be to reverse the negative during contact printing. It is not known how the loss of resolution when reversing the negative during contact printing compares to the loss of resolution sustained during normal contact printing.

3. An informal study performed by D/GP showed that there is very little difference in print quality between contact printing with a reversed negative and normal contact printing. More information is needed, however.

4. It is recommended that the Project Contracting Officer request Eastman Kodak to make a study to determine the loss of resolution when contact printing with a reversed negative as compared to the loss in normal contact printing (thin base negatives being used in both cases). Such information is required before any action can be taken to make B camera photography more suitable for photo interpretation.

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